

Work Order ID 139963

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To ship April 5/16

Item ID: E205-828-011 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Dual Hydraulic Collective Control System
 Start Date: 12/15/2015 Start Qty: 6.00 ***6*** Cust Item ID:
 Required Date: 4/5/2016 Req'd Qty: 6.00 ***6*** Customer:
 Reference:

Approvals: Process Plan: SH Date: 120151215 Tooling: Date: Run Start ***NR1***
 QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
IIN-E205-828	B

100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP E205-828-011 CHG001								

110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									

120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

ML5 1604-04 (6)

6X **DAS** 28 28 9-89 **MAY 04 2016**

6X **DAS** 27 27 9-89 **APR 01 2016**

6X **DAS** 28 28 9-89 **MAY 04 2016**

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Item ID: E205-828-011

Accept

N900040100Setup Start ***NS1***

Revision ID:

Item Name: Dual Hydraulic Collective Control System

Stop ***NS2***

Start Date: 12/15/2015 Start Qty: 6.00

6

Cust Item ID:

Required Date: 4/5/2016 Req'd Qty: 6.00

6

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***
Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP E205-828-011 Location: <u>Sold</u>								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.01							
Quality Control									

DAS 27 9-89 DAS 28 9-89 MAY 04 2016

MCS MAY 04 2016

20160503

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Work Order ID: 139963

139963

Parent Item: E205-828-011

F205-828-011

Parent Item Name: Dual Hydraulic Collective Control System

Start Date: 12/15/2015

Required Date: 4/5/2016

Start Qty: 6.00

Required Qty: 6.00

Comments: IPP REV:A 13.12.04 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN737TW44		Purchased	No				Each	0.0000	1	6	137728x4		DAS 6 9-89
AN737TW44									**	133860x2			DAS 27 9-89
Clamp													
AN814-6WL		Purchased	No				Each	0.0000	1	6			68-6 9
AN814-6WI									**	134501			DAS 9-89
Plug													
M83461/1-011		Purchased	No				Each	0.0000	1	6			APR 07 2015
M83461/1-011									**	133938			DAS 27 9-89
Packing, Preformed													
M83461/1-014		Purchased	No				Each	0.0000	1	6			DAS 6 9-89
M83461/1-014									**	133938			DAS 27 9-89
Packing, Preformed													
M83461/1-110		Purchased	No				Each	0.0000	1	6			6 9-89
M83461/1-110									**	134630			DAS 27 9-89
Packing, Preformed													
MS14144L5		Purchased	No				Each	0.0000	3	18			DAS 6 9-89
MS14144L5									**	133860			DAS 27 9-89
Nut													
MS14144L6		Purchased	No				Each	18.0000	1	6			DAS 6 9-89
MS14144L6									**				DAS 27 9-89
Nut													
							<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
							ST316	18					
							M132540	8					
							M133483	10					

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Work Order ID: 139963

139963

Parent Item: E205-828-011

F205-828-011

Parent Item Name: Dual Hydraulic Collective Control System

Start Date: 12/15/2015

Required Date: 4/5/2016

Start Qty: 6.00

Required Qty: 6.00

MS21042L3

Purchased No

Each

1,842.000

19

114

MS21042L3

Nut

**

134039

DAS

6

9-89

DAS

27

9-89

Location

Loc Qty

Loc Code

FP001

188

m133790

188

GA

279

m133790

279

ST304

1375

m133790

1375

MS24665-151

Purchased No

Each

171.0000

6

MS24665-151

Cotter Pin

**

Location

Loc Qty

Loc Code

GA

59

m128401

59

ST289

112

m128401

5

m129909

7

m133769

100

MS24665-155

Purchased No

Each

369.0000

24

MS24665-155

Cotter Pin

**

Location

Loc Qty

Loc Code

ST289

369

m129163

369

DAS

28

9-89

DAS

6

9-89

DAS

27

9-89

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Work Order ID: 139963

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Parent Item: E205-828-011

F205-828-011

Parent Item Name: Dual Hydraulic Collective Control System

Start Date: 12/15/2015

Required Date: 4/5/2016

Start Qty: 6.00

Required Qty: 6.00

MS27039-1-10

Purchased

No

Each

167.0000

8 48

MS27039-1-10

SCREW

**

134370

DAS
6 9-89

Location

Loc Qty

Loc Code

DAS
28
9-89

CA

41

m128635

41

GA

50

m129541

50

ST280

73

m132677

73

ST285

3

m123522

2

m132640

1

MS276475

Purchased

No

Each

27.0000

2 12

MS276475

bearing

**

DAS
6 9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST280

27

113673

27

MS28778-4

Purchased

No

Each

0.0000

5 30

MS28778-4

Packing

**

B 133860

DAS
6 9-89

MS28778-6

Purchased

No

Each

16.0000

4 24

MS28778-6

Packing

**

133860x8

DAS
6 9-89

Location

Loc Qty

Loc Code

ST279

16

121649

1

123900

15

DAS
28
9-89

1
15

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Work Order ID: 139963

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Parent Item: E205-828-011

F205-828-011

Parent Item Name: Dual Hydraulic Collective Control System

Start Date: 12/15/2015

Required Date: 4/5/2016

Start Qty: 6.00

Required Qty: 6.00

NAS1149C0563R

Purchased

No

Each

543.0000

6

36

NAS1149C0563R

Washer

DAS
28
9-89

Location

Loc Qty

Loc Code

ST260a

500

m131697

500

ST271

43

m131026

43

Each

232.0000

**

~~13~~ 4

~~24~~ 32

2 12

134502

DAS
6 27
9-89

DAS
6 27
9-89

NAS1149D0316J

Purchased

No

NAS1149D0316J

Washer

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

128

122151

1

M132677

127

ST270

104

M127956

104

Each

1,771.000

**

2 12

DAS
6 27
9-89

NAS1149D0332J

Purchased

No

NAS1149D0332J

Washer

DAS
28
9-89

Location

Loc Qty

Loc Code

CA

14

m129682

14

FP001

70

m129682

70

GA

325

m132677

325

ST264

1362

m133498

1362

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Work Order ID: 139963

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Parent Item: E205-828-011

F205-828-011

Parent Item Name: Dual Hydraulic Collective Control System

Start Date: 12/15/2015

Required Date: 4/5/2016

Start Qty: 6.00

Required Qty: 6.00

NAS1149D0363J

Purchased

No

Each

904.0000

8 48

NAS1149D0363.J

Washer

**

134370

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

133

m130799

133

ST263

771

m133709

271

m133790

500

Each

1,211.000

2 12

NAS1149D0563J

Purchased

No

NAS1149D0563.J

Washer

**

134257

DAS
8
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

53

m125807

53

ST260a

520

m130799

55

m132035

55

m132256

10

m133769

400

ST263

463

m133134

129

m133363

334

ST269

156

m128257

156

ST271

19

m131026

19

DAS
28
9-89

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Work Order ID: 139963

139963

Parent Item: E205-828-011

F205-828-011

Parent Item Name: Dual Hydraulic Collective Control System

Start Date: 12/15/2015

Required Date: 4/5/2016

Start Qty: 6.00

Required Qty: 6.00

NAS1149D0663J

Purchased

No

Each

1,186.000

2 12

DAS

NAS1149D0663.J

Washer

**

1321360

DAS

27

6

9-89

9-89

Location

Loc Qty

Loc Code

ST260

227

M131618

227

ST260a

300

M133812

300

ST263

608

M133134

108

M133769

500

ST269

51

M126334

51

NAS1149D0763J

Purchased

No

Each

0.0000

2 12

DAS

NAS1149D0763.J

WASHER

**

133855

DAS

27

6

9-89

9-89

NAS1149D0963J

Purchased

No

Each

81.0000

2 12

DAS

NAS1149D0963.J

Washer

**

Location

Loc Qty

Loc Code

st268

81

125445

81

Each

1,058.000

2 12

DAS

DAS27

6 9-89

9-89

DAS

6

9-89

NAS1149F0463P

Purchased

No

NAS1149F0463P

Washer

**

Location

Loc Qty

Loc Code

ST260a

973

m127832

973

st268

85

m127832

77

m130388

8

DAS
28
9-89

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DAS
27
9-89

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Work Order ID: 139963

139963

Parent Item: E205-828-011

F205-828-011

Parent Item Name: Dual Hydraulic Collective Control System

Start Date: 12/15/2015

Required Date: 4/5/2016

Start Qty: 6.00

Required Qty: 6.00

E4733-5	Manufactured	No	110	Each	0.0000	1	6	**	139991	DAS 6 27 9-89
F4733-5										
Bracket										
E4733-7	Manufactured	No	110	Each	0.0000	1	6	**	139992	DAS 6 27 9-89
F4733-7										
Bracket										
E4736-041	Manufactured	No	110	Each	0.0000	1	6	**	139993	DAS 6 27 9-89
F4736-041										
Fuel Filter Drain Line Assembly										
E4736-043	Manufactured	No	110	Each	0.0000	1	6	**	144130	DAS 6 27 9-89
F4736-043										
Service Deck Drain Line Assembly										
E4736-045	Manufactured	No	110	Each	0.0000	1	6	**	139995	DAS 6 27 9-89
F4736-045										
Fuel Filter Drain Line Assembly										
E4736-047	Manufactured	No	110	Each	0.0000	1	6	**	139996	DAS 6 27 9-89
F4736-047										
Vent Line Assembly										
E4736-049	Manufactured	No	110	Each	0.0000	1	6	**	B 139997	DAS 6 27 9-89
F4736-049										
Service Deck Drain Line Assembly										
E4752-1	Manufactured	No	110	Each	0.0000	1	6	**	139998	DAS 6 27 9-89
F4752-1										
Washer										
E4752-3	Manufactured	No	110	Each	0.0000	1	6	**	139999	DAS 6 27 9-89
F4752-3										
Spacer										

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Work Order ID: 139963

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Parent Item: E205-828-011

F205-828-011

Parent Item Name: Dual Hydraulic Collective Control System

Start Date: 12/15/2015

Required Date: 4/5/2016

Start Qty: 6.00

Required Qty: 6.00

AN814-4DL

Purchased

No

Each

15.0000

6

***AN814-4DL ***

PLUG

**

DAS 27 9-89

Location

Loc Qty

Loc Code

CA

15

m129686

15

AN924-4D

Purchased

No

110

Each

4.0000

1

6

***AN924-4D ***

Nut

**

6

m132860x3

DAS 27 9-89

Location

Loc Qty

Loc Code

ST322

4

114935

4

AN924-6D

Purchased

No

110

Each

15.0000

1

6

***AN924-6D ***

Nut

**

3

DAS 27 9-89

Location

Loc Qty

Loc Code

ST322

15

m129519

5

m132680

10

DAS 28 9-89

APR 01 2016

Qty -011	Part Number	Description
1 ^c	70-012H000X184	HOSE ASSY
1 ^c	AS1005W060606	TEE (ALT. P/N MS21905W6)
1 ^c	AS1008W0404	ELBOW (ALT. P/N MS21908W4)
1 ^c	AS1008W0606	ELBOW (ALT. P/N MS21908W6)
1 ^c	AS5193W06	CROSS (ALT. P/N AN937W6)
1 ^c	AS5230W0604	REDUCER (ALT. P/N MS21916W6-4)
2 ^c	AS5230W0606	UNION (ALT. P/N MS21902W6)
2	AN174-14	BOLT
2	AN3-3A	BOLT
18	AN3-6A	BOLT
1	AN316C6R	NUT
1	AN737TW44	CLAMP
1	AN814-4DL	PLUG
1	AN814-6WL	PLUG
1	AN924-4D	NUT
1	AN924-6D	NUT
1	M83461/1-011	PACKING, PREFORMED
1	M83461/1-014	PACKING, PREFORMED
1	M83461/1-110	PACKING, PREFORMED
3	MS14144L5	NUT
1	MS14144L6	NUT
19	MS21042L3	NUT, SELF-LOCKING
1	MS24665-151	PIN, COTTER
4	MS24665-155	PIN, COTTER
8	MS27039-1-10	SCREW
2	MS27647-5	BEARING
5	MS28778-4	PACKING, PREFORMED
4	MS28778-6	PACKING, PREFORMED
6	NAS1149C0563R	WASHER
2	NAS1149D0316J	WASHER
2	NAS1149D0332J	WASHER
8	NAS1149D0363J	WASHER
2	NAS1149D0563J	WASHER
2	NAS1149D0663J	WASHER
2	NAS1149D0763J	WASHER
2	NAS1149D0963J	WASHER
2	NAS1149F0463P	WASHER
1	NAS509-14	NUT
1	NAS551-4DH	BOLT
1	NAS551-6DH	BOLT
1	NAS559-6	LOCK, ROD END

^c Customer supplied item

7.0 PARTS LIST

Qty -011	Part Number	Description
X	E205-828-011	DUAL HYDRAULIC COLLECTIVE CONTROL SYSTEM
1	D212-725-1-901	COLLECTIVE BELLCRANK ASSEMBLY
1	E4702-041	LADDER ASSEMBLY
1	E4706-041	SUPPORT ASSEMBLY
1	E4733-1	BRACKET
1	E4733-3	BRACKET
1	E4733-5	BRACKET
1	E4733-7	BRACKET
1	E4736-041	FUEL FILTER DRAIN LINE ASSEMBLY
1	E4736-043	SERVICE DECK DRAIN LINE ASSEMBLY
1	E4736-045	FUEL FILTER DRAIN LINE ASSEMBLY
1	E4736-047	VENT LINE ASSEMBLY
1	E4736-049	SERVICE DECK DRAIN LINE ASSEMBLY
1	E4752-1	WASHER
1	E4752-3	SPACER
2°	120-032-32-10	SHIM
1°	20-031-12-10	FILLER BLOCK (ALT. P/N 212-030-062-023)
1°	20-057-4-17D	BOLT
3°	20-057-4-21D	BOLT
1°	20-057-4-23D	BOLT
3°	20-057-5-24D	BOLT
1°	20-058-4S15D	BOLT
1°	205-001-047-001	BEARING
1°	205-001-310-001	BOLT
1°	205-076-177-001	NUT
1°	206-001-052-001	BEARING
1°	212-001-059-103	CLEVIS (PART OF 212-001-270-001)
1°	212-001-252-001	TUBE ASSY
1°	212-001-270-001	TUBE ASSY, ADJUSTABLE COLLECTIVE (ALT. P/N 212-001-061-001)
1°	212-001-323-001	BOLT
1°	212-030-062-003	STRUT ASSY
1°	212-030-062-021	STIFFNER
1°	212-076-005-ALL	CYLINDER ASSY
2°	212-076-015-001	CHECK VALVE
1°	212-076-114-003	ELBOW
1°	212-076-125-003	SPRING
1°	212-076-126-003	CLIP
1°	212-076-146-001	ELBOW
1°	212-076-147-001	CLEVIS
1°	212-076-148-001	CLEVIS
1°	212-076-151-009	TUBE ASSY
1°	212-076-294-001	TUBE ASSY
1°	212-076-297-001	TUBE ASSY
1°	212-076-300-001	TUBE ASSY
1°	212-076-310-001	TUBE ASSY
1°	212-076-328-001	TUBE ASSY
1°	214-001-024-001	INSERT
1°	41000724	FITTING END
1°	412-076-620-101	UNIVERSAL ASSY
2°	70-012F000X204	HOSE ASSY
1°	70-012H000D200	HOSE ASSY

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Revision: B

Date: 14.11.12



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200

**DUAL HYDRAULIC COLLECTIVE
CONTROL SYSTEM**

P/N: E205-828-011

CHG001

B/N: B139963



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200

**DUAL HYDRAULIC COLLECTIVE
CONTROL SYSTEM**

P/N: E205-828-011

CHG001

B/N: B139963



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200

**DUAL HYDRAULIC COLLECTIVE
CONTROL SYSTEM**

P/N: E205-828-011

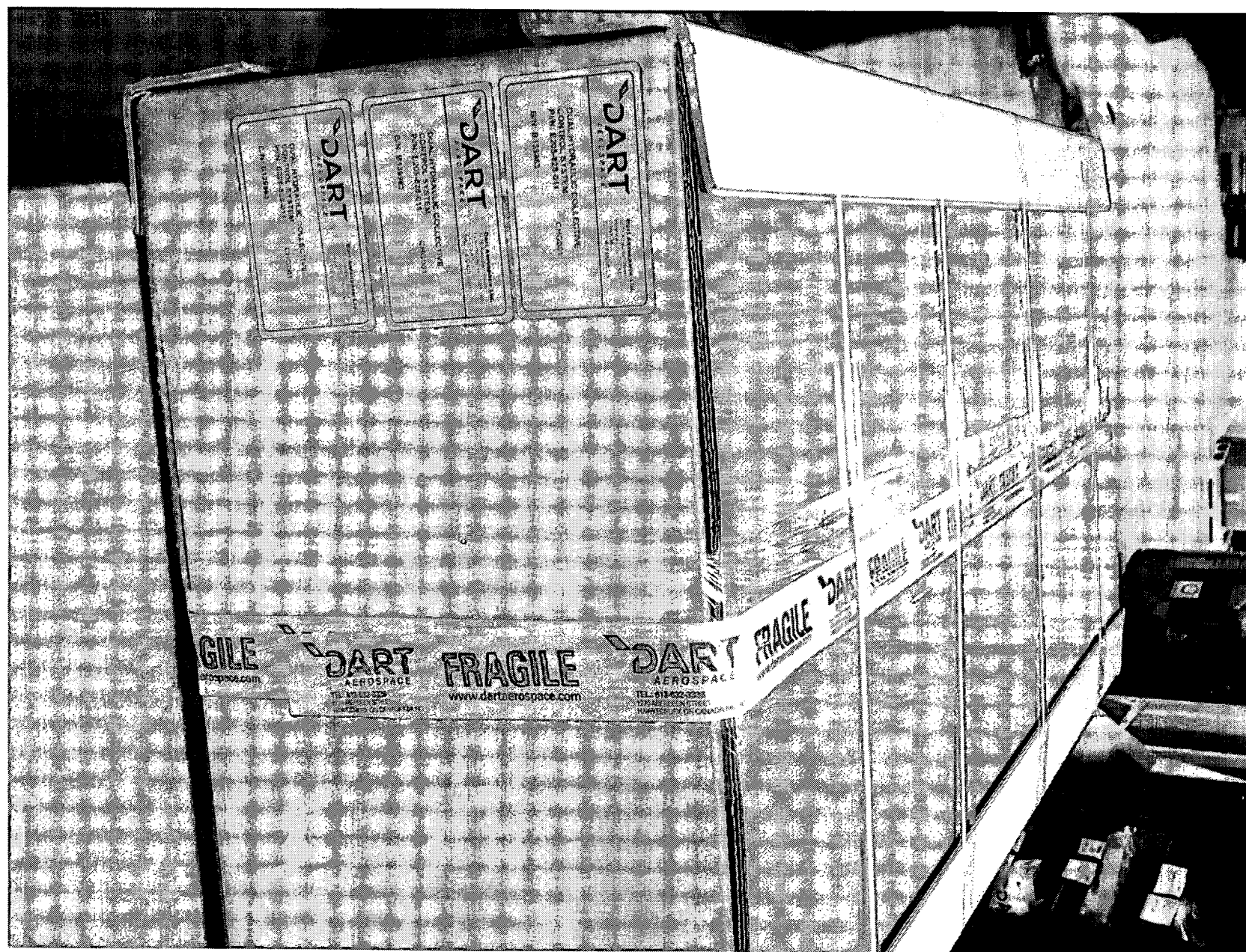
CHG001

B/N: B139963









DART
DART AEROSPACE
1775 AVENUE 100
SUITE 100
VANCOUVER, BC
V6N 1C1
TEL: 604-273-2222
WWW.DARTAEROSPACE.COM

DART
DART AEROSPACE
1775 AVENUE 100
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V6N 1C1
TEL: 604-273-2222
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1775 AVENUE 100
SUITE 100
VANCOUVER, BC
V6N 1C1
TEL: 604-273-2222
WWW.DARTAEROSPACE.COM

FRAGILE
DART AEROSPACE
TEL: 604-273-2222
WWW.DARTAEROSPACE.COM

DART
AEROSPACE
TEL: 604-273-2222
WWW.DARTAEROSPACE.COM

FRAGILE
DART AEROSPACE
TEL: 604-273-2222
WWW.DARTAEROSPACE.COM

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AEROSPACE
TEL: 604-273-2222
WWW.DARTAEROSPACE.COM

FRAGILE
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TEL: 604-273-2222
WWW.DARTAEROSPACE.COM